

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  DATE MAILED: 2/24/2004	ATTY. DOCKET NO. 010104C1	APPLICATION NO. <del>Unknown</del> 10/786,856
	APPLICANT LING et al.	
	FILING DATE herewith	GROUP Unknown 2611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPRO- PRIATE
PP	A1	6,141,567	10/31/2000	Youssefmir et al.			
PP	A2	5,471,647	11/28/1995	Gerlach et al.			
PP	A3	5,960,399	9/28/99	Barclay, et al.			
PP	A4	6,473,467	10/29/02	Wallace et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
PP	B1	0951091A2	10/20/1999	EPO	Lucent Tech. (USA)		
PP	B2	9830047	07/09/1998	WO	Array Comm. (USA)		
PP	B3	9622662	07/25/1996	WO	Array Comm. (USA)		
	B4	<del>0058942</del>	<del>10/5/00</del>	<del>WO</del>	<del>Koninklijke Electronics</del>		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

PP	C1	U.S. Application No. 09/532,492, filed March 22, 2000, entitled "HIGH EFFICIENCY, HIGH PERFORMANCE COMMUNICATIONS SYSTEM EMPLOYING MULTI-CARRIER MODULATION," Ahmad Jalali, et al., QUALCOMM Inc., California (USA).
PP	C2	U.S. Application No. 09/776,073, filed February 1, 2001, entitled "CODING SCHEME FOR A WIRELESS COMMUNICATION SYSTEM," Ivan J. Fernandez Corbaton, et al., QUALCOMM Inc., California (USA).
EXAMINER		DATE CONSIDERED 11/15/06
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
PP	A5	6,131,016	10/10/00	Greenstein et al.			
PP	A6	5,973,642	10/26/1999	Li et al.			
PP	A7	5,844,922	12/1/1998	Wolf et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	B5	0042600	7/20/00	WO	Nokia Mobile Phones Ltd.		
	B6	<del>0784311</del>	<del>7/16/97</del>	<del>WO</del>	Nokia Mobile Phones Ltd.		
	B7	<del>2355834</del>	<del>5/2/01</del>	<del>GB</del>	Nokia Mobile Phones Ltd.		
PP	B8	0171928	9/27/01	WO	QUALCOMM Inc.		
PP	B9	9809381	3/5/98	WO	Board of Trustees of the Leland Stanford Jr. University		

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

PP	C3	John A.C. Bingham, "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come," IEEE Communications Magazine, May 1990 (pgs. 5-13).
	C4	<del>Babak Hassibi et al., "High-Rate Codes that are Linear in Space and Time," Lucent Technologies, New Jersey, August 22, 2000, (pgs. 1-55).</del>
	C5	<del>Kuhn, Gary "Joint Optimization of Classifier and Feature Space in Speech Recognition" Proceedings of the Int'l Joint Conf. On Neural Networks 3: 709-714 (1992).</del>
	C6	<del>Paliwal, K.K. "Dimensionality Reduction of the Enhanced Feature Set for the HMM-Based Speech Recognizer" Digital Signal Processing 2: 157-173 (1992).</del>
PP	C7	Baum et al., "A Comparison of Differential and Coherent Reception for a Coded OFDM System in a Low C/I Environment," Global Telecommunications Conference, Globalcom 1997, pages 300-304.
PP	C8	Jongren et al., "Utilizing Quantized Feedback Information in Orthogonal Space-Time Block Coding," 2000 IEEE Global Telecommunications Conference, 2(4): 995-999, November 27, 2000.
EXAMINER <i>phung plm</i>		DATE CONSIDERED 11/15/06
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